

**KRT9 Antibody (Center K444) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP7312c****Specification**

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**KRT9 Antibody (Center K444) Blocking Peptide - Product Information**

Primary Accession [P35527](#)

**KRT9 Antibody (Center K444) Blocking Peptide - Additional Information**

**Gene ID** 3857

**Other Names**

Keratin, type I cytoskeletal 9, Cytokeratin-9, CK-9, Keratin-9, K9, KRT9

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP7312c](/products/AP7312c) was selected from the Center region of human KRT9. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**KRT9 Antibody (Center K444) Blocking Peptide - Protein Information**

**Name** KRT9

**Function**

May serve an important special function either in the mature palmar and plantar skin tissue or in the morphogenetic program of the formation of these tissues. Plays a role in keratin filament assembly.

**Tissue Location**

Expressed in the terminally differentiated epidermis of palms and soles.

**KRT9 Antibody (Center K444) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

#### **KRT9 Antibody (Center K444) Blocking Peptide - Images**

#### **KRT9 Antibody (Center K444) Blocking Peptide - Background**

KRT9 is the type I keratin 9, an intermediate filament chain expressed only in the terminally differentiated epidermis of palms and soles. Mutations in this protein cause epidermolytic palmoplantar keratoderma.

#### **KRT9 Antibody (Center K444) Blocking Peptide - References**

Feng,W., Han,W. Eur J Dermatol 18 (4), 387-390 (2008)Zhao,J.J., Zhang,Z.H. Int. J. Dermatol. 47 (6), 634-637 (2008)Torchar,D., Blanchet-Bardon,C. Nat. Genet. 6 (1), 106-110 (1994)Reis,A., Kuster,W. Hum. Genet. 90 (1-2), 113-116 (1992)